

**15A NCAC 02D .0534    FLUORIDE EMISSIONS FROM PHOSPHATE FERTILIZER INDUSTRY**

(a) Emissions of total fluorides shall not exceed:

- (1) 0.020 pounds per ton of phosphorus-bearing material fed to any wet-process phosphoric acid plant;
- (2) 0.010 pounds per ton of phosphorus-bearing material fed to any superphosphoric acid plant;
- (3) 0.40 pounds per ton of phosphorus-bearing material fed to any granular diammonium phosphate plant;
- (4) 0.20 pounds per ton of phosphorus-bearing material fed to any run-of-pile triple superphosphate plant including curing and storing process;
- (5) 0.20 pounds per ton of phosphorus-bearing material fed to any granular triple superphosphate plant that began operating after December 31, 1969;
- (6) 0.40 pounds per ton of phosphorus-bearing material fed to any granular triple superphosphate plant that began operating before January 1, 1970; and
- (7) 0.00050 pounds per hour per ton of phosphorus-bearing material cured or stored at any curing or storage facility associated with a granular triple superphosphate plant.

(b) The phosphorus-bearing material mentioned in Paragraph (a) of this Rule shall be expressed as phosphorus pentoxide.

*History Note:*    *Authority G.S. 143-215.3(a)(1); 143-215.107(a)(5);  
Eff. November 1, 1982;  
Readopted Eff. November 1, 2020.*